

CLAIMS

I claim:

5 Claim 1. A beverage container comprising a cylindrical body
having opposite respective top and bottom ends, said top end
being open, screw threads on said cylindrical body and
surrounding said open top end, a cap member having means thereon
threadingly engagable with the screw threads on said body, a
10 cylindrical cavity in said bottom end, said cavity being
disposed generally centrally of said cylindrical body and having
a first initial entry portion of selected diameter and a second
continuing elongate portion that projects a selected distance
into the interior of said container, said first initial entry
15 portion being of greater diameter than said second continuing
elongate portion and a heat transfer unit removably insertable
into said cavity for use in heat transfer contents contained in
said beverage container, said heat transfer unit comprising a
shell, of suitable material, confining therein a freezable or
20 heatable material, said heat transfer unit having first and
second contiguous cylindrical portions so dimensioned as to
inter-nest in said cavity in said container.

Claim 2. The beverage container and insert therefor as defined in claim 1 including means on said insert and means co-operating therewith on said container to retain said insert in said cavity.

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Claim 3. The beverage container and insert therefor as defined in claim 1, wherein at least said elongate portion of said cavity is tapered decreasing a selected amount in diameter in a direction away from the bottom end of said container.

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Claim 4. The beverage container and insert therefor as defined in claim 1, wherein each of said insert and cavity have cylindrical outer surfaces and wherein they taper decreasing a selected amount in a direction away from said bottom end of the container.

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Claim 5. The beverage container and insert therefor as defined in claim 4 wherein said cavity and insert have corresponding mating tapers with the surfaces engaging one another when the insert is in it's in use position in the cavity.

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